

**Claims**

1. The use of aivlosin or a pharmacologically acceptable derivative thereof for the preparation of a medicament for the treatment or prevention or control of disease due to  
5 *Brachyspira pilosicoli*.
2. The use of claim 1 wherein the medicament is for treating pigs.
3. The use of claim 1 or 2 wherein the medicament is for addition to feed at a rate of  
10 10 to 200 ppm.
4. The use of any of claims 1 to 3 wherein the medicament is an additive for feed or drinking water.
- 15 5. A method of treating or preventing or controlling disease due to *Brachyspira pilosicoli* comprising administering to an animal an effective amount of aivlosin or a pharmacologically acceptable salt thereof.
6. The method of claim 5 wherein the animal is a pig.  
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7. The method of claim 5 or claim 6 wherein the aivlosin or a pharmacologically acceptable derivative thereof is administered in either feed or drinking water.
8. The use of aivlosin or a pharmacologically acceptable derivative thereof for the preparation of a medicament for the treatment or prevention or control of an  
25 *Ornithobacterium rhinotracheale* infection.
9. The use of claim 8 wherein the medicament is for treating poultry.
- 30 10. The use of claims 8 or 9 wherein the medicament is for addition to feed at a rate of 10 to 200 ppm.
11. The use of any of claims 8 to 10 wherein the medicament is an additive for feed or drinking water.
- 35 12. A method of treating or preventing or controlling an *Ornithobacterium rhinotracheale* infection in animals comprising administering to an animal an effective amount of aivlosin or a pharmacologically acceptable derivative thereof.

13. The method of claim 12 wherein the animal is a poultry bird.
14. The method of claim 13 wherein the aivlosin or a pharmacologically acceptable derivative thereof is administered in either feed or drinking water.  
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15. The use of aivlosin or a pharmacologically acceptable derivative thereof in the prevention or reduction of growth of *Brachyspira pilosicoli* *in vitro*.
- 10 16. The use of aivlosin or a pharmacologically acceptable derivative thereof in the prevention or reduction of growth of *Ornithobacterium rhinotracheale* *in vitro*.